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PTO/SB/21 (08-00)

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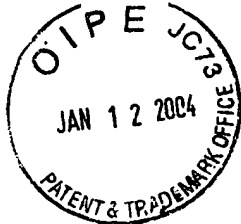
<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	<b>Application Number</b>	10/668,489	
	<b>Filing Date</b>	September 23, 2003	
	<b>First Named Inventor</b>	Jose Arno	
	<b>Group Art Unit</b>	TBA	
	<b>Examiner Name</b>	TBA	
<b>Total Number of Pages in This Submission</b>		<b>Attorney Docket Number</b>	ATMI-567-CIP

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
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<input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<b>Remarks</b>	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Margaret Chappuis, Reg No. 45,735
Signature	
Date	January 8, 2004

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited pursuant to 37 C.F.R. 1.8 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 1-8-2004	
Type or printed name	Lee Ann DiLello
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Date	1-8-2004

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ATMI-567-CIP  
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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re application of: Jose I. Arno  
U.S. Application No.: 10/668,489  
Filed: September 23, 2003

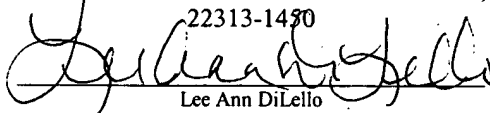
Group Art Unit: TBA  
Examiner: TBA

Title: MONITORING SYSTEM COMPRISING INFRARED THERMOPILE DETECTOR

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22313-1450  
  
Lee Ann DiLello

1-8-2004

Date

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**INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the reference(s) listed on the attached PTO-1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the reference(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required in accordance with 37 CFR § 1.56 and § 1.97(b).

- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application, which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ c. Attached is our check no. \_\_\_\_ in the amount of \$180 in payment of the fee under 37 C.F.R. §1.17(p). Please credit or debit Deposit Account No. 50-0860 as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check no. \_\_\_\_ in the amount of \$130.00 in payment of the petition fee under 37 C.F.R. §1.17(i)(1). Please credit or debit Deposit Account No. \_\_\_\_ as needed to ensure consideration of the disclosed information. Two duplicate copies of this paper are attached.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was the first citation of such item by a foreign patent office in a counterpart foreign application which occurred no more than three months prior to filing the Information Disclosure Statement. 37 C.F.R. §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 C.F.R. §1.97(e)(2).
- ☐ 4. (other):

Applicant does not believe that any additional fee is due in connection with the foregoing. However, any deficiencies may be charged to the deposit account 50-0860.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "Margaret Chappuis", followed by a horizontal line.

Margaret Chappuis  
Registration No. 45,735  
Agent for Applicant

Date: 1-8-2004  
Advanced Technology Materials, Inc.  
7 Commerce Drive  
Danbury, CT 06810  
Agent Ref: ATMI-567-CIP

FORM PTO-1449		US Dept. of Commerce Patent and Trademark Office		ATTORNEY DOCKET NO. ATMI-567-CIP		SERIAL NO. 10/668,489	
INFORMATION DISCLOSURE STATEMENT  (use several sheets if necessary)				APPLICANT Jose Arno		GROUP TBA	
				FILING DATE September 23, 2003			
<b>U.S. PATENT DOCUMENTS</b>							
EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		10/623,244		Jose Arno			7/18/2003
		6,617,175	9/9/2003	Jose Arno			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION YES NO
							X (abstract only)
<b>OTHER DOCUMENTS (Including Author, Title, Journal-Date, Page Number, Etc.)</b>							
	AA	Application Note of Thermopile IR Sensors, (Rev.02), Thermometrics Global Business, pgs. 1-9, and attachment pages, September 1999.					
	AB	Paul A. Wilks, Wilks Enterprise, "The Birth of Infrared Filometry", Spectroscopy SHOWCASE, Guest Editorial, pg. 14, March 2002.					
	AC	Jurgen Schilz, Perkin Elmer Optoelectronics, "Applications of Thermoelectric Infrared Sensors (Thermopiles): Gas Detection by Infrared Absorption; NDIR, pgs. 1-11.					
	AD	Peter Adrian, Sensor Business Digest, Vital Information Publication, "Sensor Business Digest SENSOR INDUSTRY DEVELOPMENTS AND TRENDS, October 2001.					
Continue on Page							
EXAMINER					DATE CONSIDERED		
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.							